

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	18	(US-20040134983-\$ or US-20040188399-\$ or US-20050263498-\$ or US-20060151451-\$ or US-20060153439-\$). did. or (US-6018860-\$ or US-5304773-\$ or US-5527407-\$ or US-5603796-\$ or US-4304981-\$ or US-5596282-\$ or US-5325582-\$ or US-4343342-\$ or US-6281471-\$ or US-4564737-\$ or US-5226361-\$).did. or (US-3455763-\$ or US-1544262-\$).did.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/26 12:19
L2	421	("1371501" "1458629" "1544262" "1576156" "1784118" "2139068" "2306211" "2312626" "2625496" "2679277" "2984596" "2985216" "3070227" "3293652" "3325819" "3344900" "3434861" "3450259" "3518335" "3603646" "3622742" "3638704" "3663328" "3761725" "3802559" "3803637" "3898417" "3996516" "4024545" "4044222" "4047996" "4086112" "4112363" "4114018" "4125655" "4198774" "4205769" "4226148" "4256159" "4343342" "4362991" "4372681"	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/26 12:19

"4382395" | "4392900"
| "4398457" |
"4399345" | "4399675"
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| "5066907" |
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| "5160383" |
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| "5220285" |
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| "5974060" |

		"5998759" "6151338"). PN. OR ("D122250" "D124204" "D186095" "D207379" "D222216").PN. OR ("1544262" "2004/0134983" "2004/0188399" "2005/0263498" "2006/0151451" "2006/0153439" "3455763" "4304981" "4343342" "4564737" "5226361" "5304773" "5325582" "5527407" "5596282" "5603796" "6018860" "6281471").URPN.				
L3	3	2 and (indicia barcode data information) with tire and laser with (mark \$4 etch\$4 ablat\$4 cut \$4) with (indicia barcode data information)	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/26 12:21
L4	2	3 not 1	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/26 12:21
L5	1	4 and (physical characteristic)	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/26 12:22
S1	39	("20040134983" "20040159977" "20050205539" "4323755" "4515867" "5061341" "5304773" "5478426" "5523125" "5603796" "6018860" "6076738" "6160835" "6252196" "6253815" "6341009" "6689542" "6726012" "7570443").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/14 12:34
S2	32	S1 and laser	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/14 12:35

S3	20	S1 and read\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/14 12:37
S4	2	((("6018860") or ("5304773")).PN.	USPAT; USOCR	OR	OFF	2010/01/14 12:42
S5	0	S4 and xyz	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/14 12:43
S6	1	S4 and x with y with z	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/14 12:43
S7	12	S1 and bar adj code	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/14 14:01
S8	3	"20040134983"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/14 14:11
S9	5	("5527407" "6149060" "6173892" "6591966").PN. OR ("2004/0134983" "7093758").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/14 14:13
S10	80	("20040134983" "20040165180" "2139068" "2984596" "3434861" "3761725" "3781798" "3930141" "4019627" "4047996" "4086112" "4093694" "4372681" "4491494" "4536434" "4551729" "4625101" "4638756" "4645555" "4680457" "4687942" "4700078" "4724026" "4827395" "4839224" "4839338" "4906316" "4911217"	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/14 14:13

		"4914079" "4929820" "4971858" "4978146" "5047110" "5114520" "5133820" "5160383" "5191962" "5264066" "5320874" "5358772" "5518103" "5527407" "5603796" "5700623" "5833788" "5857672" "5996892" "6144033" "6539789"). PN. OR ("5527407" "6149060" "6173892" "6591966" "7295948").URPN.				
S11	16	S10 and tire same mark \$4 and tire same read \$4	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/14 14:14
S12	7	S11 and laser with mark \$4	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/14 14:14
S13	130	(read\$4 inspect\$4) adj2 station same (laser mark \$3 etch\$4 ablat\$4) adj2 station	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/14 14:25
S14	42	(read\$4 inspect\$4) adj2 station with (reference position information) same (laser mark\$3 etch \$4 ablat\$4) adj2 station	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/14 14:26
S15	21	(read\$4 inspect\$4) adj2 station with (reference position information) same (laser mark\$3 etch \$4 ablat\$4) adj station	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/14 14:26
S16	17	(read\$4 inspect\$4) adj station with (reference position information) same (laser mark\$3 etch \$4 ablat\$4) adj station	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/14 14:26
S17	843	(laser mark\$3 etch\$4 ablat\$4) adj2 station and position\$4 near2 station	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/14 14:36
S18	742	(laser mark\$3) adj2 station and position\$4 near2 station	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/14 14:36

S19	19	laser with mark\$3 adj2 station and position\$4 near2 station	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/14 14:37
S20	8	laser with mark\$3 adj2 station and position\$4 adj2 station	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/14 14:37
S21	6	laser with mark\$3 adj station and position\$4 adj2 station	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/14 14:38
S22	0	laser with mark\$3 adj station and position\$4 adj station	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/14 14:38
S23	3	laser with mark\$3 adj station and identif\$8 adj2 station	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/14 14:39
S24	0	read\$3 adj5 reference adj position and marking adj station	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/14 14:51
S25	0	read\$3 adj5 reference adj position and marking with laser adj2 station	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/14 14:51
S26	0	read\$3 adj5 reference adj2 position and marking with laser adj2 station	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/14 14:52
S27	0	inspection near2 station and laser with (mark\$3 etch\$4 ablat\$4 writ\$3) near2 station and (computer nc control\$4) near2 position\$3 with (laser work workpiece article)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/15 11:13
S28	2	inspection near2 station and laser with (mark\$3 etch\$4 ablat\$4 writ\$3) near2 station and (computer nc control\$4) near5 position\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/15 11:14
S29	3	((("5603796") or ("5325582") or ("4304981"))).PN.	USPAT; USOCR	OR	OFF	2010/01/15 11:35

S30	15	("1371501" "1544262" "2625496" "2985216" "4125655" "4256159" "4343342" "4392900" "4504565" "4684420" "5005949"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/15 11:41
S31	0	S29 and (xyz (x with y with z))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/15 11:54
S32	831	laser with mark\$4 and laser with (xyz (x with y with z))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/15 11:55
S33	1	laser with mark\$4 and laser with (nozzle head) near3 (xyz (x with y with z))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/15 11:55
S34	55	laser with mark\$4 and laser with (nozzle head) with (xyz (x with y with z)) not S33	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/15 11:56
S35	23	laser with marking and laser with (nozzle head) with (xyz (x with y with z)) not S33	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/15 11:57
S36	269	(ccd laser) with camera with reading and laser near5 (mark\$4 cut\$4 etch\$4 ablat\$4 mill\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/15 12:23
S37	162	ccd same laser and (ccd laser) with camera with reading and laser near5 (mark\$4 cut\$4 etch\$4 ablat\$4 mill\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/15 12:23
S38	150	ccd with laser and (ccd laser) with camera with reading and laser near5 (mark\$4 cut\$4 etch\$4 ablat\$4 mill\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/15 12:24

S39	26	ccd with laser and (ccd laser) with camera near4 reading and laser near5 (mark\$4 cut\$4 etch\$4 ablat\$4 mill\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/15 12:24
S40	9	ccd with laser and light with camera near4 reading and laser near5 (mark\$4 cut\$4 etch\$4 ablat\$4 mill\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/15 12:26
S41	21	laser with mark\$4 same tire and tire with rotat \$4 same laser	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/15 12:33
S42	0	laser with mark\$4 same tire and camera with (finished product)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/15 12:41
S43	214	laser with mark\$4 and camera with (finished product)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/15 12:41
S44	35	laser with mark\$4 same camera with (finished product)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/15 12:42
S45	17	laser near2 mark\$4 same camera with (finished product)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/15 12:42
S46	0	alignment adj2 camera with camera with inspect \$4 near3 (finished product)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/15 12:44
S47	72	alignment adj2 camera with camera with inspect \$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/15 12:44
S48	0	alignment adj2 camera same camera near2 inspect\$4 with (finished product workpiece)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/15 12:45

S49	0	alignment adj2 camera same camera near2 inspect\$4 with (finished product workpiece tire)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/15 12:45
S50	0	alignment near2 camera same camera near2 inspect\$4 with (finished product workpiece tire)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/15 12:45
S51	2	alignment near4 camera same camera near4 inspect\$4 with (finished product workpiece tire)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/15 12:45
S52	8	alignment near4 camera and camera near4 inspect\$4 with (finished product workpiece tire) not S51	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/15 12:46
S53	61	(plural\$4 multiple) adj3 camera and camera near4 inspect\$4 with (finished product workpiece tire) not S51 not S52	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/15 12:48
S54	31	(plural\$4 multiple) adj3 camera and camera with prior and camera near4 inspect\$4 with (finished product workpiece tire) not S51 not S52	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/15 12:48
S55	30	(plural\$4 multiple) adj3 camera and camera with prior with inspect \$4 and camera near4 inspect\$4 with (finished product workpiece tire) not S51 not S52	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/15 12:49
S56	28	(plural\$4 multiple) adj3 camera and camera with prior with inspect \$4 and camera near4 inspect\$4 near2 (finished product workpiece tire) not S51 not S52	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/15 12:49

S57	1	S29 and (barcode (bar adj code))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/15 13:06
S58	1	(ccd camera) with inspect with single adj (color colour)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/15 13:10
S59	5	(inspect\$3 monitor\$4) with source near5 single adj (color colour)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/15 13:11
S60	174	(inspect\$3 monitor\$4) with monochromatic\$4 near2 source	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/15 13:15
S61	9	(inspect\$3 monitor\$4) with monochromatic\$4 near2 source same (camera ccd)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/15 13:15

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